

Department of Fish and Game  
Nomination for Waters  
Important to Anadromous Species

Year of Revision

1990

Approved

Name of Waterway RUBY CREEK

AWC# of Waterway 334-40-11000-2490-  
3151-4020-(X) #

AWC Volume & Number 5293-6012

USGS Quad CIRCLE B-5

Addition X Correction           
Deletion          Change         

Change to          Atlas  
         Catalog  
X Both

|                     |                 |
|---------------------|-----------------|
| <u>AP HATH</u>      | <u>10/4/89</u>  |
| Regional Supervisor | Date            |
| <u>90 102</u>       |                 |
| <u>SRS</u>          | <u>12/27/89</u> |
| <u>FI</u>           | <u>12/13/89</u> |
| Drafted             |                 |

| Species         | Date(s) Observed | Spawning | Rearing | Migration |
|-----------------|------------------|----------|---------|-----------|
| <u>ATTACHED</u> |                  |          |         |           |
|                 |                  |          |         |           |
|                 |                  |          |         |           |
|                 |                  |          |         |           |

Comments: Provide any clarifying information, including number of fish observed, Location of fish survey data, etc.

ATTACHED

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\_\_\_\_\_

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Attach a copy of a map showing location of mouth and upper points of each species, specific stream reaches identified for spawning or rearing, locations of barriers, such as falls. Attach a copy of the fish survey data, if available.

Name of Observer (please print) AL OTT AL TOWNSEND

Date: 10/3/89 Signature: AL OTT Alam H. Townsend

Address: 1300 College Road  
Fairbanks, AK 99701

ALASKA DEPT. OF  
FISH & GAME

OCT 11 1989

REGION II  
HABITAT DIVISION

## **RUBY CREEK**

Location - Circle B-5, Section 34, T6N, R6E, FM

Sample Reach - 100 ft reach immediately upstream of confluence of Ruby Creek and Sourdough Creek

Sample Gear - electroshocker

Anadromous Catalog - sample reach not in catalog

Description of Sample Reach and Observations - cobble/silt/gravel with minimal bank vegetation, portion of old diversion ditch, Ruby Creek recently diverted through a rehabilitated area previously placer mined, a 2-3 ft waterfall exists between the upper part of Ruby Creek and the old diversion ditch, aquatic habitat rated #2

Sample on July 27, 1989 - water clear (49 F), discharge 3 cfs, 25 arctic grayling (135, 139, 135, 151, 149, 227, 159, 136, 144, 159, 107, 139, 193, 155, 130, 131, 99, 134, 102, 180, 141, 143, 162, 130, 154 mm), 7 chinook salmon (63, 61, 60, 59, 63, 61, 55 mm), and 9 slimy scuplin collected and released

Summary of 1989 Sampling - anadromous fish habitat present with use by chinook salmon documented, recommend adding the lower portion of Ruby Creek to the catalog

## **HORSE CREEK**

Location - Circle B-5, Section 3, T5N, R6E, FM

Sample Reach - 200 ft reach from mouth of Horse Creek upstream

Sample Gear - electroshocker

Anadromous Catalog - sample reach in catalog

Description of Sample Reach and Observations - gravel and cobble (angular material), overhanging vegetation, no fish barriers observed, aquatic habitat rated #2

Sample on July 13, 1989 - water clear (47 F), discharge 1 cfs, 5 slimy sculpin collected and released

Sample on July 28, 1989 - water clear (41 F), discharge 2 cfs, 19 slimy sculpin collected and released

Summary of 1989 Sampling - anadromous fish habitat not present, recommend deletion of Horse Creek from the catalog



